




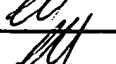

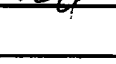



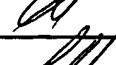
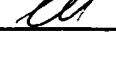
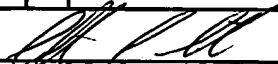
Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23691		Serial No. 10/646,736				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Hiroshi NOMURA						
						Filing Date August 25, 2003		Group 2872				
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	YEAR	MONTH	DOCUMENT NUMBER				DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>[Signature]</i>	2004	/0	0	4	2	0	9	5	03/04/04	NOMURA		
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<i>[Signature]</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.		
EXAMINER <i>[Signature]</i>								DATE CONSIDERED <i>9/20/04</i>				

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		5	8	3	2	3	2	6	11/03/98	TANAKA			
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		4	9	9	3	8	1	5	02/19/91	YAMAZAKI et al.			
		5	7	3	1	9	1	3	03/24/98	IMANARI			
		5	7	3	9	9	6	2	04/14/98	ASAKURA et al.			
	2003	/0	1	5	6	8	3	2	08/21/03	NOMURA et al.			
		5	5	8	7	7	5	4	12/24/96	KATAYAMA et al.			
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EXAMINER										DATE CONSIDERED 9/20/04			
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EXAMINER <i>[Handwritten Signature]</i> DATE CONSIDERED <i>9/20/04</i>															

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	7	-	2	8	8	7	2	4	10/31/95	JAPAN	X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
	1	English Language Abstract of JP 58-10708.										
	2	English Language Abstract of JP 2003-207709.										
	3	English Language Abstract of JP 2002-277719.										
	4	English Language Abstract of JP 10-282394.										
	5	English Language Abstract of JP 58-162914.										
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